

## **APPENDIX F: CAPITAL PROGRAM ASSUMPTIONS**

### **METHODOLOGY AND ASSUMPTIONS**

#### **CAPITAL SOURCES OF FUNDS**

This appendix describes the methodology and assumptions behind WSF's capital sources of funds.

WSF's Capital Program is financed separately from the Operating Program through various public funding. The primary source of revenue is the Puget Sound Capital Construction Account which includes revenues generated by the motor fuel tax, federal grants, local funds, and bond proceeds. This account is used to pay for emergency repairs and vessel and terminal acquisition, construction, and improvements, and for repayment of bonds issued for these purposes. Multimodal taxes and fees provide additional funding.

The Puget Sound Capital Construction Account is assumed to cover preservation of vessels and terminals (including emergency repairs) and debt service; however, it excludes the cost of replacement vessels. The level of preservation investment is consistent with the recommendations of the Joint Legislative Task Force on Ferries (JTFF).

Given this Legislative direction, it is assumed that discretionary appropriations from Motor Vehicle Fund will cover any shortfalls when dedicated ferry taxes are insufficient to meet the JTFF level of preservation plus ferry debt service. The Motor Vehicle Fund combines revenues from motor fuel tax and other sources to fund highway projects. The total discretionary Motor Vehicle Account funding for preservation is assumed to be \$2.5 billion over the next 25 years.

The other key sources of state tax support for the capital program include the "Nickel Package" and the 2005 Transportation Partnership Account package. However, for WSF, the spending for both of these accounts is dedicated to specific projects.

Finally, it is assumed that some of the funding will come from the excess subsidies from operations. Any operating revenue in excess of the amount necessary to fund the WSF operations is assumed to be transferred to capital program funding.

Considering all of the reasonably assumed available sources of capital funding, there will be a need for additional financial support over the planning horizon. It is important to note that this funding shortfall is above and beyond both excess subsidies from operations and significant appropriations from the Motor Vehicle Account to fund preservation needs at the JTFF-recommended funding level.

#### **SOURCES OF FUNDS**

##### **State Taxes and Fees for Ferry Capital understanding**

Total State Funds are assumed to cover preservation of vessels and terminals (including emergency repairs but excluding replacement vessels) and debt service. The difference between the basic preservation plus debt service and dedicated gas tax distributions is assumed to be covered by the discretionary appropriations from Motor Vehicle Account.



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## **Dedicated Funds - State Distribution of Gas Tax**

Puget Sound Ferry Capital Construction Account, authorized by RCW 47.60.505 (created in 1970) is part of Motor Vehicle Fund. The purpose of this account is to provide funding for ferry vessel and terminal acquisition, construction, and improvements, and for repayment of bonds issued for these purposes.

### SOURCES OF FUNDS

- Motor fuel tax (2.3726% of net gas tax collections or 0.55 cents out of 23 cent dedicated gas tax)
- Federal grants
- Local funds
- Bond proceeds

### USES OF THE ACCOUNT

- Debt service on 1992 bonds
- Debt service on 1977 bonds
- Emergency repairs
- Repairs to maintain continuity of service
- Improvements to maintain structural integrity
- Improvements to increase efficiency
- Improvements to increase capacity of the system

State Distribution of Gas Tax estimates were taken from WSF Sources and Uses for 2005-2015 and are assumed to continue at the same average annual rate of increase of 4.0% thereafter. The total projected State Distribution of Gas Tax revenue for the 2005 through 2031 time period is \$615.6 million.

## **Discretionary Funds - Taxes and Fees Transferred from the Motor Vehicle Account**

Motor Vehicle Account, authorized by RCW 46.68.070 (created in 1961), supports highway programs, including construction and maintenance of state, city and county roads, and the vehicle services programs of the Department of Licensing. Funds placed into this account are subject to the 18th Amendment of the Washington State Constitution and may only be used for highway purposes.

The major revenue source for this account is the motor vehicle fuel tax. The motor vehicle fuel tax, or "gas tax," is an excise tax levied on each gallon of motor vehicle fuel sold in the state. Also, a "special" fuel tax is levied on fuels not taxed under the motor vehicle fuel tax, primarily diesel fuel. Revenue from these taxes is deposited in the state motor vehicle fund and is then distributed to cities, towns, counties, and the state for transportation purposes.

Washington State Ferries receives discretionary funding from this source and can use these monetary awards to fund capital projects.

### MAJOR SOURCES OF FUNDS

- Motor fuel tax (44.387% of net gas tax collections)
- Motor vehicle licenses, permits, and fees
- Miscellaneous revenues

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- Federal highway grants (see Highway Programs in Federal Funding section)
- Local funds
- Bond proceeds (see Projected Bond Sales in Bonds section)
- 80% of treasury deposit earnings

### USES OF THE ACCOUNT

- Refunds for non-highway uses of motor fuel and tax-exempt highway uses
- Cost of fuel tax collection
- Debt service on bonds
- Statutory distribution of motor fuel tax revenues to cities and counties for road programs
- Support of Department of Transportation operating and capital highway programs (includes highway construction and maintenance, ferries and support services)
- Appropriations to other state agencies engaged in highway-related activities

The estimates of the Motor Vehicle Account transfers were taken from WSF Sources and Uses for 2005-2015. Thereafter, the discretionary transfers are calculated as the difference between the basic preservation needs (all preservation needs less purchases of replacement vessels) plus debt service and dedicated gas tax distributions. The total projected Motor Vehicle Account revenue for WSF for the 2005 through 2031 time period is \$2,567 million.

### **Multimodal Taxes and Fees**

Multimodal Transportation Account is authorized by RCW 47.66.070 (created in 2000) and is part of Multimodal Transportation Fund. This account provides funds for both highway and non-highway transportation expenditures. Funds placed into this account are not subject to the requirements of the 18th Amendment of the State Constitution, which limits expenditures to highway-related purposes.

### SOURCES OF FUNDS

- Interest from the Emergency Revenue Account
- Licenses, permits and fees (combined licensing fee of 1.661% of collections – for Ferries)
- Rental car tax
- Sales tax on new and used cars
- 100% of treasury deposit earnings
- General Fund transfers for public transportation
- Other miscellaneous revenue
- Federal grant-in-aid
- Charges and miscellaneous revenue
- Transfers from Motor Vehicle account and the Highway Safety account

### USES OF THE ACCOUNT

- Provides support for all types of transportation projects and programs including highway preservation and public transportation.

Multimodal Taxes and Fees estimates were taken from WSF Sources and Uses for 2005-2015 and are assumed to discontinue thereafter. The total projected Multimodal Taxes and Fees revenue for WSF for the 2005 through 2031 time period is \$12.6 million.



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### **State Revenue from 2003 Transportation Account**

Transportation 2003 Account is authorized by 46.68.280 (created in 2003) and is a part of Motor Vehicle Fund. With this Legislature's 2003 "Nickel Funding Package", more than \$3.3 billion specific projects were slated for funding over ten years. The package raised the state gas tax by five cents, and also included a 0.3 percent sales tax surcharge on motor vehicles and a surcharge on heavy vehicles.

#### **MAJOR SOURCES OF FUNDS**

- Motor fuel tax (100% of net 5¢ gas tax collections)
- Motor vehicle licenses, permits, and fees
- Miscellaneous revenues
- Federal highway grants
- Local funds
- Bond proceeds
- 80% of treasury deposit earnings

#### **USES OF THE ACCOUNT**

- Debt service on bonds
- Support of Department of Transportation operating and capital highway programs (includes highway construction and maintenance, ferries and support services).

The revenue estimates from 2003 Transportation Account were taken from WSF Sources and Uses for 2005-2013 and are projected to discontinue thereafter. The total projected Nickel Funding Package revenue for WSF for the 2005 through 2031 time period is \$164.6 million.

### **State Revenue from 2005 Transportation Partnership Account**

In 2005, the legislature passed the Transportation Partnership Funding Package (ESSB 6103), which is going to directly increase transportation spending by \$8.5 billion over the next 16 years. It will provide economically significant improvements in freight mobility and support local efforts to rebuild and expand critical highways in the central Puget Sound region.

The package generates new revenue from three sources: increased fuel tax (9.5¢ gas tax increase), vehicle weight fees, and licenses and permits. Altogether the anticipated new revenues total \$7,369 million over 16 years. About 83% of this revenue is restricted by the 18th amendment to the state constitution, which allows proceeds from the gas tax and vehicle license fees to be spent only for "highway purposes," including automobile ferries.

Gas tax. The motor fuel tax, which applies to gasoline, and the special fuels tax, which applies to diesel, will increase from 28 cents per gallon to 37 ½ cents per gallon, in annual steps:

- 3¢ July 1, 2005
- 3¢ July 1, 2006
- 2¢ July 1, 2007
- 1.5¢ July 1, 2008

Over 16 years, the increases are projected to generate \$5.5 billion.

Weight Fees. The fees on light trucks are expected to generate \$341 million over 16 years. Legislative analysts believe that these funds will be restricted to highway purposes by the 18th Amendment. The

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fees on cars, SUVs, and motor homes will generate \$1,038 million, which analysts believe will not be restricted by the 18th Amendment.

Licenses and permits. The revenue from fee increases is projected to be \$179 million over 16 years. This money is not restricted by the 18th Amendment.

Bonding. The funding plan authorizes the state to issue \$5.1 billion in bonds, with interest and principal to be paid from gas tax receipts. Debt service on these bonds comes to roughly \$4 billion over 16 years. Because the debt service will be paid from the gas tax, the bond proceeds are restricted by the 18th Amendment. Overall, the package will fund \$8.5 billion of additional transportation spending (net of interest payments) over the next 16 years.

The revenue estimates from 2005 Transportation Account were taken from WSF Sources and Uses for 2005-2015 and are projected to cover additional \$28.2 million in projects in 2015-17 biennium. The revenues from this source are projected to discontinue thereafter. The total projected 2005 Partnership Funding Package revenue for WSF for the 2005 through 2031 time period is \$164.5 million.

### **Bond Proceeds (R-49 & Multimodal GO)**

The use of bond financing to support transportation capital projects follows a rigorous legal process. In order to sell bonds, the Legislature must enact a statute authorizing the sale of bonds for a specific purpose. This statute requires a 60% legislative majority vote or approval by the voters in a statewide referendum (e.g. Referendum 49). Before bond proceeds may be delivered, the Legislature must first appropriate expenditure authority and either the Transportation Commission or the Transportation Improvement Board (in the event of TIB bonds) must request the sale of bonds from the State Finance Committee.

Bond proceeds estimates were taken from WSF Sources and Uses for 2005-2011 and are projected to total \$265.3 million for the 2005 through 2031 time period.

### **Federal Funds**

#### **Federal Ferry Boat and Terminals Construction Program**

The Construction of Ferry Boats and Terminal Facilities Program provides discretionary funding for the construction of ferry boats and ferry terminal facilities. Eligible ferries must operate on a route classified as a public road within the state, and that is not a part of the Interstate System. Projects may be eligible for both ferry boats carrying cars and passengers and ferry boats carrying passengers only. TEA-21 legislation expanded the eligibility of the program beyond ferry boats and terminals that are publicly owned to also include those that are publicly operated or those that are majority publicly owned and provide a substantial public benefit.

The funding under TEA-21 legislation provided \$30 million in FFY 1998 and \$38 million per year in FFYs 1999-2003; while SAFETEA-LU legislation increased the annual funding amounts for 2005-2009:



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<b>Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Authorization</b>	\$38M	\$55M	\$60M	\$65M	\$67M

### STATE RECIPIENTS

Program W for Washington State Ferries and Program Z for local agency projects

### DISTRIBUTIONS

Distributions are at the discretion of the U.S. Secretary of Transportation, based on application by the state or at Congressional direction. Congress established a \$20 million per year set-a-side for 1999-2003 as follows: Washington - \$5 million, Alaska - \$10 million, and New Jersey - \$5 million. SAFETEA-LU legislation kept these set-a-sides the same for 2005-2009.

To date, Washington has only received the \$5 million earmark for each federal fiscal year. Over the 6 year life of TEA-21, Washington received \$31.6 million for this program.

### REQUIREMENTS

80% Federal, 20% State, without an adjustment for federal lands

### **Federal Surface Transportation Program**

The Surface Transportation Program (STP) was originally established under ISTEA. The STP is the most flexible of all federal-aid programs, allowing use for the widest array of transportation projects.

Examples of such projects are construction, reconstruction, resurfacing, restoration, rehabilitation, and operational improvements for highways (including Interstate highways) and bridges (including Interstate bridges), including any project necessary to accommodate other transportation modes; mitigation of damage to wildlife, habitat and ecosystems caused by any transportation project; capital cost of transit projects eligible for assistance under the Federal Transit Act; publicly owned intracity and intercity bus terminals and facilities; highway and transit safety improvements and hazard elimination; surface transportation planning; highway and transit research and planning and technology transfer activities; capital and operating costs for traffic monitoring, management and control; fringe and corridor parking facilities; carpool and vanpool projects; bicycle and pedestrian facilities; transportation control measures; transportation enhancement activities; development of certain required management systems; and a variety of wetlands mitigation efforts.

### **Federal Transit Administration (FTA) grant programs—Section 5309 and Section 5307**

Section 5307 Formula Capital and Operating Grants program provides grants that may be used to finance the planning, acquisition, construction, improvement, preventative maintenance, and operating costs (in Metropolitan areas under 200,000) of mass transportation services.

Recipients of Section 5307 funds in Vancouver, Seattle-Everett, Spokane, Tacoma, and Bremerton are determined by the state's three Transportation Management Areas (TMAs). The Governor delegated authority to the Department of Transportation the apportioned amounts for distribution to the state's urbanized areas under 200,000 population: Bellingham, Longview-Kelso, Olympia, Richland-

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Kennewick-Pasco, and Yakima. Washington State Ferries receives funding through Seattle-Everett and Tacoma.

### **Federal Homeland Security grant funds from the Office of Domestic Preparedness (ODP) and the Transit Security Administration (TSA)**

Multimodal Taxes and Fees estimates were taken from WSF Sources and Uses for 2005-2015 and are assumed to continue at the 2013-15 level of \$31 million annually thereafter. The total projected federal funds revenue for WSF for the 2005 through 2031 time period is \$462.5 million.





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### **CAPITAL USES OF FUNDS: CAPITAL PROGRAM LIST**

This appendix describes the WSF's capital uses of funds, including terminal and vessel preservation, terminal and vessel improvements, emergency repairs, and debt service.



# WASHINGTON STATE FERRIES

## WSF Construction Program (W) In Dollars Inflated to the Biennium of Expenditure October 2005

Funding	Code	Description	05-07	07-09	09-11	11-13	13-15	15-17	17-19
P	Preservation		187,115,000	320,096,640	183,280,000	214,973,000	227,112,000	193,077,000	228,773,000
	Improvements		64,470,000	211,161,228	206,177,000	83,272,000	191,087,000	206,358,000	286,000
Total			251,585,000	531,257,868	389,457,000	298,245,000	418,199,000	399,435,000	229,059,000
EP	Emergency Repairs		4,000,000	6,011,000	6,475,000	6,974,000	7,511,000	8,007,000	8,578,000
TP	Terminal Preservation		77,248,000	116,074,000	95,272,000	121,758,000	79,204,000	89,343,000	68,570,000
TI	Terminal Improvements		64,132,000	143,579,000	206,177,000	75,994,000	95,156,000	26,849,000	286,000
VP	Vessel Preservation		105,867,000	198,011,640	81,533,000	86,241,000	140,397,000	95,727,000	151,625,000
VI	Vessel Improvements		338,000	67,582,228	0	7,278,000	95,931,000	179,509,000	0
Total			251,585,000	531,257,868	389,457,000	298,245,000	418,199,000	399,435,000	229,059,000

Funding	Code	Description	19-21	21-23	23-25	25-27	27-29	29-31	05-31 Total
P	Preservation		281,543,000	227,706,000	390,264,000	627,020,000	545,898,000	492,557,000	4,119,414,640
	Improvements		49,810,000	44,531,000	101,745,000	38,784,000	218,000	446,000	1,198,545,228
Total			331,353,000	272,237,000	492,009,000	665,804,000	546,316,000	493,003,000	5,317,959,888
EP	Emergency Repairs		9,239,000	9,997,000	10,838,000	11,792,000	12,829,000	13,955,000	116,206,000
TP	Terminal Preservation		75,029,000	54,312,000	93,279,000	140,172,000	100,211,000	91,758,000	1,202,230,000
TI	Terminal Improvements		308,000	333,000	361,000	393,000	218,000	446,000	614,432,000
VP	Vessel Preservation		197,275,000	163,397,000	286,147,000	475,056,000	432,558,000	386,844,000	2,800,978,640
VI	Vessel Improvements		49,502,000	44,198,000	101,384,000	38,391,000	0	0	584,113,228
Total			331,353,000	272,237,000	492,009,000	665,804,000	546,316,000	493,003,000	5,317,959,888

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<b>Funding</b>	<b>Code</b>	<b>Description</b>	<b>05-07</b>	<b>07-09</b>	<b>09-11</b>	<b>11-13</b>	<b>13-15</b>	<b>15-17</b>	<b>17-19</b>
PEF	P	Systemwide Emergency Repairs 2003-05	4,000,000	6,011,000	6,475,000	6,974,000	7,511,000	8,007,000	8,578,000
Nickel	T	** Anacortes Multimodal Terminal ** NA	27,526,000	16,089,000	13,292,000	2,978,000	0	0	0
PEF	P	Anacortes Terminal Preservation	675,000	2,350,000	6,355,000	17,614,000	8,277,000	5,633,000	3,184,000
PEF	I	Anacortes Upland Parking Improvement	125,000	0	0	0	0	0	0
PEF	T	Anacortes Third Slip and Overhead Loading	0	5,220,000	28,700,000	0	0	0	0
PEF	T	Bainbridge Island Trestle Improvement	12,582,000	52,000	0	0	0	0	0
PEF	T	Bainbridge Island Terminal Preservation	11,225,000	12,301,000	23,877,000	0	0	0	0
PEF	T	Bainbridge Island Terminal Multimodal Improvements	0	1,769,000	5,000,000	11,872,000	0	0	0
PEF	T	Bainbridge Terminal Food Service Improvements	310,000	0	0	0	0	0	0
Partner	T	Bainbridge Island Multimodal Terminal Improvements	0	0	0	1,849,000	5,954,000	48,060,000	25,393,000
PEF	T	Bremerton Multimodal Terminal	0	0	0	0	0	0	0
PEF	P	Bremerton Terminal Preservation	200,000	95,000	0	0	7,706,000	0	0
PEF	P	Clinton Terminal Preservation	339,000	823,000	262,000	276,000	0	0	0
PEF	I	Clinton Overhead Loading	0	0	0	0	4,358,000	24,260,000	1,246,000
Unk	T	Clinton Third Slip	0	0	0	0	0	0	0
PEF	P	Eagle Harbor Terminal Preservation	15,617,000	20,899,000	157,000	336,000	0	0	0
PEF	P	Eagle Harbor Pass-only Dock Preservation	0	0	0	0	0	0	0
Local	P	Edmonds Multimodal Terminal	1,500,000	20,589,000	46,340,000	45,285,000	0	0	0
PEF	I	Edmonds Multimodal Terminal	0	0	0	0	0	0	0
Nickel	T	** Edmonds Multimodal Terminal ** MMTA	0	0	0	0	0	0	0
Partner	P	Fauntleroy Ferry Terminal Preservation	0	0	0	0	0	0	0
PEF	P	Fauntleroy Terminal Preservation	150,000	350,000	0	0	0	0	0
PEF	I	Friday Harbor Park & Ride Lot Improve.	0	0	0	0	0	0	0
PEF	P	Friday Harbor Terminal Preservation	2,921,000	0	0	0	0	0	0
PEF	I	Friday Harbor Master Plan	250,000	0	0	0	0	0	0
PEF	T	Friday Harbor Additional Holding Area	150,000	600,000	0	0	0	0	0
PEF	P	Keystone Terminal Preservation / Relocation	0	0	0	0	0	0	0
PEF	P	Keystone Terminal Preservation	0	0	0	0	0	0	0
PEF	P	Keystone Terminal Study	0	0	0	0	0	0	0
PEF	P	Keystone Alternative	2,200,000	16,356,000	12,800,000	0	0	0	0
PEF	P	Kingston Terminal Preservation	1,287,000	3,838,000	1,100,000	0	636,000	1,177,000	6,044,000
PEF	I	Kingston Adjacent Property Purchase	0	0	0	0	0	0	0
PEF	T	Kingston Site Planning Study	0	260,000	0	0	0	0	0
PEF	P	Lopez Terminal Preservation	0	0	0	0	2,491,000	5,000,000	90,000
PEF	I	Lopez Additional Parking Improvement	0	0	0	0	0	0	0
PEF	T	Mukilteo Multimodal Terminal	4,279,000	8,370,000	0	0	0	0	0
Unk	T	** Mukilteo Multimodal Terminal ** MMTA	0	0	0	0	0	0	0
Nickel	P	Mukilteo Terminal Preservation	10,249,000	60,724,000	47,624,000	0	0	0	0
PEF	P	Orcas Terminal Preservation	0	0	0	0	394,000	5,828,000	718,000
PEF	T	Orcas Terminal Upland Property Purchase	917,000	0	0	0	0	0	0
PEF	T	Orcas Implementation Plan	50,000	0	0	0	0	0	0
PEF	P	Point Defiance Terminal Preservation	368,000	0	0	0	0	0	0
PEF	P	Port Townsend Terminal Preservation	3,159,000	18,740,000	1,940,000	11,488,000	0	0	0
Partner	T	Port Townsend Ferry Terminal Improvements	37,000	0	0	0	0	0	0
PEF	T	Seattle SR 519 P52 Access Improvement	0	0	0	0	0	0	0
PEF	T	Seattle State 1 Terminal Redevelopment	0	0	0	0	0	0	0

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Funding	Code	Description	19-21	21-23	23-25	25-27	27-29	29-31	05-31 Total
PEF	P	EP Systemwide Emergency Repairs 2003-05	9,239,000	9,997,000	10,838,000	11,792,000	12,829,000	13,955,000	116,206,000
Nickel	I	TI ** Anacortes Multimodal Terminal ** NA	0	0	0	0	0	0	0
PEF	P	TP Anacortes Terminal Preservation	0	9,251,000	2,977,000	21,016,000	5,208,000	1,982,000	59,885,000
PEF	I	TI Anacortes Upland Parking Improvement	0	0	0	0	0	0	84,702,000
PEF	I	TI Anacortes Third Slip and Overhead Loading	0	0	0	0	0	0	125,000
PEF	I	TI Bainbridge Island Trestle Improvement	0	0	0	0	0	0	33,920,000
PEF	I	TI Bainbridge Island Terminal Preservation	7,970,000	2,637,000	1,518,000	16,475,000	532,000	1,329,000	12,634,000
PEF	I	TI Bainbridge Island Terminal Multimodal Improvements	0	0	0	0	0	0	87,927,000
PEF	I	TI Bainbridge Terminal Food Service Improvements	0	0	0	0	0	0	18,641,000
Partner	PEF	TP Bainbridge Island Multimodal Terminal Improvements	0	0	0	0	0	0	310,000
PEF	I	TI Bremerton Multimodal Terminal	0	0	0	0	0	0	81,256,000
PEF	P	TP Bremerton Terminal Preservation	4,267,000	5,182,000	3,853,000	2,669,000	5,322,000	15,926,000	55,818,000
PEF	P	TP Clinton Terminal Preservation	7,739,000	560,000	10,773,000	1,835,000	19,559,000	729,000	44,252,000
PEF	I	TI Clinton Overhead Loading	0	0	0	0	0	0	28,618,000
Unk	I	TI Clinton Third Slip	0	0	0	0	0	0	15,457,000
PEF	P	TP Eagle Harbor Terminal Preservation	0	1,114,000	6,746,000	929,000	13,578,000	11,434,000	71,169,000
PEF	P	TP Eagle Harbor Pass-only Dock Preservation	0	0	0	0	0	0	493,000
Local	PEF	TP Edmonds Multimodal Terminal	0	0	0	0	0	0	0
PEF	I	TI Edmonds Multimodal Terminal	0	0	0	0	0	0	200,000
Nickel	I	TI ** Edmonds Multimodal Terminal ** MMTA	0	0	0	0	0	0	0
Partner	P	TP Fauntleroy Ferry Terminal Preservation	7,516,000	0	0	0	0	0	24,302,000
PEF	P	TP Fauntleroy Terminal Preservation	0	0	0	0	0	0	500,000
PEF	I	TI Friday Harbor Park & Ride Lot Improve.	0	0	0	0	0	0	0
PEF	P	TP Friday Harbor Terminal Preservation	2,076,000	3,239,000	483,000	15,792,000	1,539,000	3,136,000	41,665,000
PEF	I	TI Friday Harbor Master Plan	0	0	0	0	0	0	250,000
PEF	I	TI Friday Harbor Additional Holding Area	0	0	0	0	0	0	756,000
PEF	P	TP Keystone Terminal Preservation / Relocation	0	0	0	0	0	0	0
PEF	P	TP Keystone Terminal Preservation	0	0	0	0	0	0	0
PEF	P	TP Keystone Terminal Study	0	0	0	0	0	0	0
PEF	P	TP Keystone Alternative	11,451,000	863,000	6,244,000	13,101,000	3,296,000	16,380,000	31,356,000
PEF	P	TP Kingston Terminal Preservation	0	0	0	0	0	0	65,417,000
PEF	I	TI Kingston Adjacent Property Purchase	0	0	0	0	0	0	0
PEF	I	TI Kingston Site Planning Study	0	0	0	0	0	0	260,000
PEF	P	TP Lopez Terminal Preservation	4,256,000	3,000,000	132,000	0	212,000	0	15,277,000
PEF	I	TI Lopez Additional Parking Improvement	0	0	0	0	0	0	1,189,000
Unk	I	TI Mukilteo Multimodal Terminal	0	0	0	0	0	0	12,649,000
Nickel	I	TI ** Mukilteo Multimodal Terminal ** MMTA	0	0	0	0	0	0	118,597,000
PEF	P	TP Mukilteo Terminal Preservation	0	0	0	0	0	0	0
PEF	P	TP Orcas Terminal Preservation	0	0	0	0	451,000	0	20,657,000
PEF	I	TI Orcas Terminal Upland Property Purchase	0	0	0	0	0	0	50,000
PEF	I	TI Orcas Implementation Plan	0	0	0	0	0	0	0
PEF	P	TP Point Defiance Terminal Preservation	0	0	0	0	820,000	3,857,000	10,525,000
PEF	P	TP Port Townsend Terminal Preservation	0	0	0	0	14,123,000	0	55,197,000
Partner	PEF	TP Port Townsend Ferry Terminal Improvements	0	0	0	0	0	0	13,428,000
PEF	I	TI Seattle SR 519 P52 Access Improvement	0	0	0	0	0	0	37,000
PEF	I	TI Seattle State 1 Terminal Redevelopment	0	0	0	0	0	0	0

## APPENDIX F: CAPITAL PROGRAM ASSUMPTIONS

<b>Funding</b>	<b>Code</b>	<b>Description</b>	<b>05-07</b>	<b>07-09</b>	<b>09-11</b>	<b>11-13</b>	<b>13-15</b>	<b>15-17</b>	<b>17-19</b>
PEF	TI	Seattle Improvements Planning (WSF)	0	0	0	0	0	0	0
PEF	P	Seattle Terminal Preservation	5,421,000	13,505,000	24,328,000	77,714,000	25,412,000	2,878,000	0
PEF	TP	Seattle Terminal Building Replacement - New Retail	67,000	206,000	634,000	1,516,000	539,000	0	2,967,000
PEF	TI	Colman Dock Interim Retail Development	724,000	0	0	0	0	0	0
PEF	TI	Seattle South Trestle Expansion	3,044,000	16,260,000	51,000,000	0	0	0	0
PEF	TI	Seattle Terminal Co-development	0	0	0	0	0	0	0
PEF	TI	Seattle Passenger-only Improvement	0	100,000	0	0	0	0	0
PEF	TP	Shaw Terminal Preservation	60,000	0	0	0	0	0	0
PEF	TI	Sidney Terminal Cruise Ship Dock Improvements	110,000	0	0	0	0	0	0
PEF	TP	Southworth Terminal Preservation	1,554,000	0	0	2,090,000	11,641,000	4,155,000	111,000
PEF	TI	Southworth Trestle Improvements	0	0	0	0	8,944,000	0	0
PEF	TI	Southworth 2nd Slip	2,050,000	11,150,000	0	0	0	0	0
PEF	TP	Tahlequah Terminal Preservation	200,000	0	0	0	0	0	3,041,000
PEF	TI	Tahlequah Adjacent Property Purchase	0	0	0	0	0	0	0
PEF	TP	Tahlequah Ferry Terminal Expansion	0	0	0	0	0	0	0
PEF	P	Vashon Terminal Preservation	850,000	0	925,000	0	0	0	0
PEF	TI	Vashon Passenger-only Improvement	829,000	0	0	0	0	0	0
PEF	TP	*** Vashon Passenger-Only Preservation *** MMTA	0	0	0	0	0	0	0
PEF	TI	Vashon P&R Property Purchase	0	0	0	0	0	0	0
Nickel	TP	** Catch-Up Preservation ** NA	7,465,000	15,689,000	14,091,000	954,000	0	0	0
PEF	P	Systemwide Toxic Waste Disposal	50,000	50,000	50,000	50,000	50,000	59,000	63,000
PEF	P	Systemwide ADA Support	75,000	85,000	100,000	100,000	100,000	108,000	116,000
PEF	P	Systemwide Operations Construction Support	1,523,000	1,319,000	1,425,000	1,429,000	1,535,000	1,671,000	1,791,000
PEF	P	TP Systemwide Aerial Photos	78,000	81,000	85,000	92,000	97,000	102,000	109,000
PEF	P	TP Systemwide Terminal Design Standards	334,000	223,000	233,000	245,000	260,000	277,000	297,000
PEF	P	TP Systemwide Revenue Control System	107,000	159,000	165,000	177,000	147,000	173,000	185,000
PEF	P	TP Systemwide Pt of Sale Repl/Regional Fare	3,782,000	0	0	0	0	0	0
PEF	P	TP Systemwide Terminal Phone System Replacement	200,000	83,000	87,000	92,000	37,000	259,000	111,000
PEF	P	TP Systemwide WSF Staff Realocation	300,000	0	0	0	0	0	0
PEF	P	TP Terminal Communications (IT)	160,000	167,000	116,000	123,000	130,000	206,000	223,000
PEF	P	TP Systemwide Planning And Special Studies	1,367,000	1,459,000	1,582,000	1,709,000	1,800,000	1,918,000	2,056,000
PEF	TI	Systemwide Cap Prog Devel for WSF Business Initiative	250,000	250,000	250,000	250,000	250,000	267,000	286,000
PEF	P	TP Systemwide Movable Bridge Modification	1,000,000	350,000	0	0	0	0	0
PEF	P	TP X5 Reimbursable Contracts Using Caps	0	0	0	0	0	0	0
PEF	P	TP Systemwide Miscellaneous Terminal Projects	5,826,000	4,927,000	5,151,000	5,412,000	5,694,000	6,642,000	7,117,000
PEF	P	TP Systemwide Server Infrastructure	125,000	125,000	125,000	125,000	125,000	148,000	158,000
PEF	P	TP Systemwide Terminal Physical Security Infrastructure	5,497,000	872,000	1,000,000	1,050,000	1,115,000	9,874,000	1,161,000
PEF	P	TP Systemwide SMS Enhancements	850,000	0	0	0	0	1,100,000	0
PEF	P	TP Systemwide Emergency Management Communications	240,000	125,000	125,000	240,000	125,000	311,000	167,000
PEF	P	TP Systemwide Customer Travel Inquiry	300,000	0	0	861,000	0	0	952,000
PEF	P	TP Systemwide Terminal Physical Security Planning	550,000	250,000	260,000	275,000	290,000	310,000	332,000
PEF	P	TP Systemwide Terminal Dolphin Replacement	54,000	56,000	58,000	61,000	65,000	68,000	73,000
PEF	P	TP Systemwide Terminal Planning/Design	326,000	342,000	357,000	380,000	403,000	426,000	457,000
PEF	P	TP Systemwide Tml Work Orders By Auditors	96,000	98,000	99,000	98,000	103,000	117,000	125,000
PEF	P	TP Non-life Cycle Work	0	0	0	0	0	4,020,000	4,308,000
PEF	VP	MV Payalup Preservation	50,000	6,467,000	5,890,000	2,000	2,371,000	279,000	16,455,000
PEF	VI	MV Payalup Passenger Capacity Expansion	0	0	0	0	4,400,000	0	0
PEF	VP	MV Tacoma Preservation	2,000	7,296,000	5,036,000	6,130,000	7,524,000	279,000	17,931,000
PEF	VI	MV Tacoma Passenger Capacity Expansion	0	0	0	0	4,400,000	0	0



# WASHINGTON STATE FERRIES

<b>Funding</b>	<b>Code</b>	<b>Description</b>	<b>19-21</b>	<b>21-23</b>	<b>23-25</b>	<b>25-27</b>	<b>27-29</b>	<b>29-31</b>	<b>05-31 Total</b>
PEF	TI	Seattle Improvements Planning (WFSF)	0	3,194,000	3,454,000	0	1,720,000	0	0
PEF	TP	Seattle Terminal Preservation	0	0	0	0	0	0	3,505,000
PEF	TI	Seattle Terminal Building Replacement - New Retail	0	0	0	0	0	0	167,460,000
PEF	TI	Colman Dock Interim Retail Development	0	0	0	0	0	0	2,962,000
PEF	TI	Seattle South Trestle Expansion	0	0	0	0	0	0	70,304,000
PEF	TI	Seattle Terminal Co-development	0	0	0	0	0	0	0
PEF	TI	Seattle Passenger-only Improvement	0	0	0	0	0	0	100,000
PEF	TP	Shaw Terminal Preservation	2,180,000	0	1,460,000	6,708,000	663,000	2,508,000	17,178,000
PEF	TI	Sidney Terminal Cruise Ship Dock Improvements	0	0	0	0	0	0	110,000
PEF	TP	Southworth Terminal Preservation	0	104,000	3,829,000	7,440,000	208,000	0	31,132,000
PEF	TI	Southworth Trestle Improvements	0	0	0	0	0	0	10,371,000
PEF	TI	Southworth 2nd Slip	0	0	0	0	0	0	13,200,000
PEF	TP	Tahlequah Terminal Preservation	850,000	2,762,000	693,000	134,000	0	0	7,680,000
PEF	TI	Tahlequah Adjacent Property Purchase	0	0	0	0	0	0	0
PEF	TI	Tahlequah Ferry Terminal Expansion	0	0	0	0	0	0	0
PEF	TP	Vashon Terminal Preservation	3,194,000	0	2,393,000	0	0	0	43,461,000
PEF	TI	Vashon Passenger-only Improvement	0	0	0	0	0	0	0
PEF	TP	*** Vashon Passenger-Only Preservation *** MMTA	0	0	0	0	0	0	0
PEF	TI	Vashon P&R Property Purchase	0	0	0	0	0	0	0
PEF	TP	** Catch-Up Preservation ** NA	0	0	0	0	0	0	0
PEF	TP	Systemwide Toxic Waste Disposal	68,000	74,000	80,000	87,000	93,000	99,000	38,199,000
PEF	P	Systemwide ADA Support	125,000	135,000	147,000	159,000	170,000	181,000	873,000
PEF	P	Systemwide Operations Construction Support	1,929,000	2,086,000	2,262,000	2,461,000	2,623,000	2,796,000	24,650,000
PEF	P	TP Systemwide Aerial Photos	118,000	127,000	138,000	150,000	160,000	170,000	1,507,000
PEF	P	TP Systemwide Terminal Design Standards	320,000	346,000	375,000	408,000	435,000	464,000	4,217,000
PEF	P	TP Systemwide Revenue Control System	200,000	216,000	234,000	255,000	272,000	289,000	2,579,000
PEF	P	TP Systemwide Pt of Sale Rep/Regional Fare	0	0	0	0	0	0	0
PEF	P	TP Systemwide Terminal Phone System Replacement	119,000	130,000	53,000	381,000	162,000	173,000	1,887,000
PEF	P	TP Systemwide WFS Staff Relocation	0	0	0	4,124,000	0	0	4,424,000
PEF	P	TP Terminal Communications (IT)	159,000	174,000	187,000	304,000	326,000	231,000	2,506,000
PEF	P	TP Systemwide Planning And Special Studies	2,214,000	2,395,000	2,597,000	2,825,000	3,011,000	3,210,000	28,143,000
PEF	TI	Systemwide Cap Prog Devel for WFS Business Initiative	308,000	333,000	361,000	393,000	418,000	446,000	4,062,000
PEF	P	TP Systemwide Movable Bridge Modification	0	0	0	0	0	0	1,350,000
PEF	P	X5 Reimbursable Contracts Using Caps	0	0	0	0	0	0	0
PEF	P	TP Systemwide Miscellaneous Terminal Projects	7,666,000	8,292,000	8,991,000	9,782,000	10,425,000	11,112,000	97,037,000
PEF	P	TP Systemwide Server Infrastructure	171,000	185,000	200,000	218,000	232,000	247,000	2,184,000
PEF	P	TP Systemwide Terminal Physical Security Infrastructure	1,373,000	1,482,000	1,609,000	14,541,000	1,620,000	1,701,000	43,265,000
PEF	P	TP Systemwide SMS Enhancements	0	0	0	458,000	0	0	3,570,000
PEF	P	TP Systemwide Emergency Management Communication	172,000	338,000	180,000	1,202,000	0	0	2,974,000
PEF	P	TP Systemwide Customer Travel Inquiry	0	0	0	457,000	487,000	1,486,000	4,801,000
PEF	P	TP Systemwide Terminal Physical Security Planning	358,000	387,000	420,000	591,900	519,000	519,000	4,895,000
PEF	P	TP Systemwide Dolphin Replacement	79,000	85,000	92,000	101,000	107,000	114,000	1,013,000
PEF	P	TP Systemwide Terminal Planning/Design	492,000	532,000	577,000	628,000	669,000	713,000	6,302,000
PEF	P	TP Systemwide Terminal Work Orders By Auditors	135,000	146,000	159,000	172,000	184,000	196,000	1,728,000
PEF	P	TP Non-life Cycle Work	4,658,000	5,016,000	5,442,000	5,919,000	6,309,000	6,723,000	42,375,000
PEF	VP	MV Puget Sound Preservation	3,709,000	1,913,000	18,586,000	9,490,000	68,852,000	9,039,000	143,103,000
PEF	VI	MV Puget Sound Capacity Expansion	0	0	0	0	0	0	4,400,000
PEF	VP	MV Tacoma Preservation	4,807,000	3,100,000	20,036,000	7,466,000	53,910,000	7,731,000	141,248,000
PEF	VI	MV Tacoma Passenger Capacity Expansion	0	0	0	0	0	0	4,400,000

## APPENDIX F: CAPITAL PROGRAM ASSUMPTIONS

<b>Funding</b>	<b>Code</b>	<b>Description</b>	<b>05-07</b>	<b>07-09</b>	<b>09-11</b>	<b>11-13</b>	<b>13-15</b>	<b>15-17</b>	<b>17-19</b>
PEF	P	VP MV Wenatchee Preservation	2,000	4,903,000	2,579,000	14,444,000	3,788,000	279,000	17,931,000
PEF	I	VI MV Wenatchee Passenger Capacity Expansion	0	0	0	0	0	0	0
PEF	P	VP MV Spokane Preservation	4,996,000	305,000	3,846,000	0	4,400,000	0	0
PEF	P	VP MV Walla Walla Preservation	2,646,000	2,682,000	869,000	0	3,486,000	4,007,000	0
PEF	P	VP MV Elwha Preservation	5,275,000	1,700,000	3,669,000	1,080,000	6,011,000	2,328,000	3,006,000
PEF	P	VP MV Hyak Preservation	4,548,000	0	0	0	0	0	0
PEF	P	VP MV Kalleetan Preservation	3,688,000	5,020,000	3,519,000	950,000	11,650,000	3,259,000	13,174,000
PEF	P	VP MV Yakima Preservation	0	2,500,000	4,080,000	12,430,000	2,392,000	3,307,000	3,903,000
PEF	P	VP MV Cathlamet Preservation	1,352,000	41,000	6,049,000	1,771,000	5,179,000	516,000	2,987,000
PEF	P	VP MV Chelan Preservation	1,440,000	0	530,000	2,094,000	2,987,000	8,205,000	1,997,000
PEF	P	VP MV Chelan Solas Modifications	0	0	0	0	0	0	0
PEF	P	VP MV Issaquah Preservation	4,369,000	142,000	4,673,000	1,933,000	3,840,000	1,946,000	5,922,000
PEF	P	VP MV Kitsap Preservation	2,552,000	0	3,582,000	3,546,000	3,733,000	5,619,000	5,381,000
PEF	P	VP MV Kittitas Preservation	2,441,000	3,876,000	0	1,990,000	1,644,000	8,421,000	793,000
PEF	P	VP MV Sealth Preservation	6,213,000	1,117,000	0	8,196,000	1,644,000	1,528,000	13,705,000
PEF	P	VP MV Evergreen State Preservation	50,000	0	0	0	0	0	0
PEF	P	VP MV Klahowya Preservation	1,899,000	4,209,000	2,000,000	557,000	2,007,000	1,467,000	3,577,000
PEF	P	VP MV Tillikum Preservation	1,941,000	2,324,000	2,000,000	1,899,000	459,000	564,000	7,447,000
PEF	P	VP MV Illahee Preservation	1,068,000	0	50,000	0	0	0	0
PEF	P	VP MV Kickitat Preservation	191,000	0	50,000	0	0	0	0
PEF	P	VP MV Nisqually Preservation	50,000	0	0	0	0	0	0
PEF	P	VP MV Quinault Preservation	0	0	50,000	0	0	0	0
PEF	P	VP MV Hiyu Preservation	6,208,000	1,255,000	160,000	4,822,000	1,859,000	3,599,000	1,980,000
PEF	P	VP MV Rhododendron Preservation	2,119,000	0	0	0	0	0	0
PEF	P	VP MV Kalama Preservation	1,000,000	0	0	0	0	0	0
PEF	P	VP MV Skagit Preservation	1,000,000	0	0	0	0	0	0
PEF	P	VP ** Kalalma - Skagit Preservation ** MMTA	0	0	0	0	0	0	0
PEF	P	VP MV Chinook Preservation	0	0	0	0	0	0	0
PEF	I	VI MV Chinook Improvements	338,000	0	0	0	0	0	0
PEF	P	VP ** Chinook Class Preservation ** MMTA	0	0	0	0	0	0	0
PEF	P	VP MV Snohomish Preservation	63,000	0	0	0	0	0	0
PEF	P	VP MV Snohomish Improvements	246,000	0	0	0	0	0	0
PEF	P	VP Acquire Replacement POF 1	0	0	0	0	0	0	0
PEF	P	VP Replace Replacement POF 1 Preservation	0	0	0	0	0	0	0
PEF	P	VP Acquire Replacement POF 2	0	0	0	0	0	0	0
PEF	P	VP Replace Replacement POF 2 Preservation	0	0	0	0	0	0	0
PEF	P	VP Construct Replacement Auto-Pass Ferry 1	35,752,000	44,023,640	0	0	0	48,148,000	0
PEF	I	VI Construct Replacement Auto-Pass Ferry 2	0	67,582,228	0	0	0	0	0
PEF	P	VP Construct Replacement Auto-Pass Ferry 3	0	66,554,000	0	0	0	0	0
PEF	P	VP Construct Replacement Auto-Passenger Ferry 4	0	39,823,000	26,611,000	0	0	0	0
PEF	P	VP Construct Replacement Auto-Passenger Ferry 5	0	0	0	0	19,206,000	48,148,000	0
PEF	I	VI Construct New Capacity Vessel 6	0	0	0	0	7,278,000	70,254,000	26,074,000
PEF	I	VI Construct New Capacity Vessel 7	0	0	0	0	0	12,477,000	70,706,000
PEF	P	VP Construct New Capacity Vessel 8	0	0	0	0	0	0	0
PEF	P	VP Construct Replacement Auto-Passenger Ferry 10	0	0	0	0	0	0	0
PEF	P	VP Construct Replacement Auto-Passenger Ferry 11	0	0	0	0	0	0	0
PEF	P	VP Construct Replacement Auto-Passenger Ferry 12	0	0	0	0	0	0	0
PEF	P	VP Construct Replacement Auto-Passenger Ferry 13	0	0	0	0	0	0	0

**July 14, 2006**



## WASHINGTON STATE FERRIES

Funding	Code	Description	19-21	21-23	23-25	25-27	27-29	29-31	05-31 Total
PEF	P	MV Wenatchee Preservation	4,807,000	3,100,000	20,036,000	7,466,000	53,910,000	7,731,000	140,976,000
PEF	-	VI MV Wenatchee Passenger Capacity Expansion	0	0	0	0	0	0	4,400,000
PEF	P	MV Spokane Preservation	4,524,000	7,387,000	11,896,000	11,599,000	6,382,000	0	67,196,000
PEF	P	MV Walla Walla Preservation	17,351,000	2,130,000	6,269,000	24,684,000	7,099,000	18,232,000	98,303,000
PEF	P	MV Elwha Preservation	21,053,000	1,000,000	1,000,000	0	0	0	67,743,000
PEF	P	VP MV Hyak Preservation	0	0	0	0	0	0	0
PEF	P	VP MV Kalaloch Preservation	4,151,000	1,000,000	1,000,000	500,000	0	0	4,548,000
PEF	P	VP MV Yakima Preservation	13,735,000	2,687,000	1,000,000	1,000,000	0	0	47,911,000
PEF	P	VP MV Cathlamet Preservation	6,951,000	8,852,000	5,333,000	12,353,000	19,031,000	0	47,092,000
PEF	P	VP MV Chehalis Preservation	6,957,000	3,617,000	5,674,000	10,159,000	19,153,000	12,065,000	74,837,000
PEF	P	VP MV Chelan Solas Modifications	0	0	0	0	0	0	0
PEF	P	VP MV Issaquah Preservation	8,384,000	14,535,000	4,510,000	11,885,000	9,796,000	5,349,000	77,284,000
PEF	P	VP MV Kitsap Preservation	8,641,000	3,630,000	14,133,000	16,151,000	5,899,000	7,316,000	80,183,000
PEF	P	VP MV Kittitas Preservation	14,144,000	7,984,000	5,698,000	11,199,000	17,350,000	7,769,000	83,309,000
PEF	P	VP MV Sealth Preservation	2,423,000	13,505,000	6,648,000	4,911,000	10,571,000	14,253,000	84,714,000
PEF	P	VP MV Evergreen State Preservation	0	0	0	0	0	0	50,000
PEF	P	VP MV Klahowya Preservation	1,000,000	1,000,000	500,000	0	0	0	18,216,000
PEF	P	VP MV Tillikum Preservation	560,000	9,773,000	11,691,000	5,755,000	9,749,000	1,910,000	56,072,000
PEF	P	VP MV Ilwah Preservation	0	0	0	0	0	0	0
PEF	P	VP MV Klakitat Preservation	0	0	0	0	0	0	241,000
PEF	P	VP MV Nisqually Preservation	0	0	0	0	0	0	50,000
PEF	P	VP MV Quinault Preservation	0	0	0	0	0	0	50,000
PEF	P	VP MV Hiyu Preservation	1,384,000	577,000	1,273,000	3,044,000	1,755,000	6,185,000	34,101,000
PEF	P	VP MV Rhododendron Preservation	0	0	0	0	0	0	0
PEF	P	VP MV Kalama Preservation	0	0	0	0	0	0	1,118,000
PEF	P	VP MV Skagit Preservation	0	0	0	0	0	0	0
PEF	P	VP ** Kalama - Skagit Preservation *** MMTA	0	0	0	0	0	0	0
PEF	P	VP MV Chinook Preservation	0	0	0	0	0	0	0
PEF	-	VI MV Chinook Improvements	0	0	0	0	0	0	338,000
PEF	P	VP ** Chinook Class Preservation *** MMTA	0	0	0	0	0	0	0
PEF	P	VP MV Snohomish Preservation	0	0	0	0	0	0	63,000
PEF	P	VP MV Snohomish Improvements	0	0	0	0	0	0	246,000
PEF	P	VP Acquire Replacement POF 1	0	0	0	0	0	0	0
PEF	P	VP Replacement POF 1 Preservation	0	0	0	0	0	0	0
PEF	P	VP Acquire Replacement POF 2	0	0	0	0	0	0	0
PEF	P	VP Replacement POF 2 Preservation	0	0	0	0	0	0	0
PEF	P	VP Construct Replacement Auto-Pass Ferry 1	0	0	0	0	0	0	79,775,640
PEF	-	VI Construct Replacement Auto-Pass Ferry 2	0	0	0	0	0	0	67,582,228
PEF	P	VP Construct Replacement Auto-Pass Ferry 3	0	0	0	0	0	0	66,554,000
PEF	P	VP Construct Replacement Auto-Passenger Ferry 4	0	0	0	0	0	0	66,434,000
PEF	P	VP Construct Replacement Auto-Passenger Ferry 5	0	0	0	0	0	0	67,354,000
PEF	-	VI Construct New Capacity Vessel 6	0	0	0	0	0	0	103,606,000
PEF	P	VP Construct New Capacity Vessel 7	0	0	0	0	0	0	83,183,000
PEF	-	VI Construct New Capacity Vessel 8	0	0	0	0	0	0	82,729,000
PEF	P	VP Construct New Capacity Vessel 9	0	0	0	0	0	0	83,439,000
PEF	-	VI Construct Replacement Auto-Passenger Ferry 10	0	10,261,000	101,384,000	38,391,000	0	0	150,036,000
PEF	P	VP Construct Replacement Auto-Passenger Ferry 11	0	18,006,000	104,107,000	0	0	0	122,113,000
PEF	P	VP Construct Replacement Auto-Passenger Ferry 12	0	0	0	0	121,809,000	0	121,809,000
PEF	P	VP Construct Replacement Auto-Passenger Ferry 13	0	0	0	0	72,887,000	0	122,587,000

## APPENDIX F: CAPITAL PROGRAM ASSUMPTIONS

<b>Funding</b>	<b>Code</b>	<b>Description</b>	<b>05-07</b>	<b>07-09</b>	<b>09-11</b>	<b>11-13</b>	<b>13-15</b>	<b>15-17</b>	<b>17-19</b>
PEF	P	VP Construct Replacement Auto-Passenger Ferry 14	0	0	0	0	0	0	0
PEF	P	VP Replacement Vessel 1 Preservation	0	0	0	0	6,441,000	0	1,455,000
PEF	P	VP Replacement Vessel 2 Preservation	0	0	0	0	6,441,000	0	1,455,000
PEF	P	VP Replacement Vessel 3 Preservation	0	0	0	0	0	6,866,000	1,455,000
PEF	P	VP Replacement Vessel 4 Preservation	0	0	0	0	0	6,866,000	1,455,000
PEF	P	VP Replacement Vessel 5 Preservation	0	0	0	0	0	6,866,000	0
PEF	P	VP New Capacity Vessel 6 Preservation	0	0	0	0	0	0	0
PEF	P	VP New Capacity Vessel 7 Preservation	0	0	0	0	0	0	0
PEF	P	VP New Capacity Vessel 8 Preservation	0	0	0	0	0	0	0
PEF	P	VP New Capacity Vessel 9 Preservation	0	0	0	0	0	0	0
PEF	P	VP Replacement Vessel 10 Preservation	0	0	0	0	0	0	0
PEF	P	VP Replacement Vessel 11 Preservation	0	0	0	0	0	0	0
PEF	P	VP Replacement Vessel 12 Preservation	0	0	0	0	0	0	0
PEF	P	VP Replacement Vessel 13 Preservation	0	0	0	0	0	0	0
PEF	P	VP Systemwide Vessel Planning/Design	896,000	647,000	679,000	728,000	781,000	832,000	891,000
PEF	P	VP Systemwide Vessel Life Cycle cost Model Update	200,000	0	0	0	0	0	0
PEF	P	VP Systemwide Vessels As Built Drawings	563,000	0	0	0	0	0	0
PEF	P	VP Systemwide Vessels Environmental Studies	140,000	0	0	0	0	0	0
PEF	P	VP Systemwide Vessels Electrical Special Project	346,000	0	0	0	0	0	0
PEF	P	VP Subchapter W Planning & Implementation	0	0	0	0	0	0	0
PEF	P	VP Systemwide Commo/Navigation/Life Saving	2,843,000	1,043,000	1,511,000	1,197,000	1,422,000	5,741,000	6,151,000
PEF	P	VP Wireless Connections	0	0	0	0	0	1,491,000	1,597,000
PEF	P	VP Vessel Communications (IT)	1,272,000	200,000	200,000	200,000	200,000	1,704,000	287,000
PEF	P	VP Systemwide Accessibility Modifications	414,000	0	0	0	0	423,000	594,000
PEF	P	VP Systemwide Vessel Physical Security Infrastructure	8,790,000	872,000	1,000,000	1,050,000	1,115,000	3,427,000	12,618,000
PEF	P	VP Sys Wide Vessel Safety Mgmt Enhancements	560,000	0	0	0	0	544,000	804,000
PEF	P	VP Systemwide Vessel Physical Security Planning	550,000	250,000	260,000	275,000	290,000	310,000	332,000
PEF	P	VP Systemwide Vessel Projects	396,000	515,000	540,000	579,000	609,000	646,000	692,000
PEF	P	VP Systemwide Vessels Regulatory Compliance	200,000	200,000	200,000	200,000	200,000	200,000	200,000
PEF	P	VP Systemwide Vessel Work Orders By Auditor	80,000	83,000	87,000	93,000	98,000	104,000	111,000
PEF	P	VP Systemwide Vessel Noise Control (Abatement)	102,000	0	0	0	0	0	0
PEF	P	VP Non-life Cycle Work	0	0	0	0	0	268,000	287,000



## WASHINGTON STATE FERRIES

<b>Funding</b>	<b>Code</b>	<b>Description</b>	<b>19-21</b>	<b>21-23</b>	<b>23-25</b>	<b>25-27</b>	<b>27-29</b>	<b>29-31</b>	<b>05-31 Total</b>
PEF	P	VP Construct Replacement Auto-Passenger Ferry 14	0	0	0	0	72,887,000	49,700,000	0
PEF	P	VP Replacement Vessel 1 Preservation	16,250,000	8,816,000	10,244,000	1,999,000	313,000	46,747,000	92,265,000
PEF	P	VP Replacement Vessel 2 Preservation	16,250,000	8,816,000	10,244,000	1,999,000	313,000	46,747,000	92,265,000
PEF	P	VP Replacement Vessel 3 Preservation	16,250,000	8,816,000	0	13,140,000	313,000	46,747,000	93,587,000
PEF	P	VP Replacement Vessel 4 Preservation	16,250,000	8,816,000	0	13,140,000	313,000	46,747,000	93,587,000
PEF	P	VP Replacement Vessel 5 Preservation	1,566,000	17,574,000	9,565,000	11,142,000	2,174,000	341,000	49,228,000
PEF	P	VP New Capacity Vessel 6 Preservation	0	0	9,295,000	0	2,174,000	24,543,000	36,012,000
PEF	P	VP New Capacity Vessel 7 Preservation	0	0	0	10,110,000	2,174,000	24,543,000	36,827,000
PEF	P	VP New Capacity Vessel 8 Preservation	0	0	0	10,110,000	0	2,365,000	12,475,000
PEF	P	VP New Capacity Vessel 9 Preservation	0	0	0	0	0	2,365,000	13,361,000
PEF	P	VP Replacement Vessel 10 Preservation	0	0	0	0	0	0	0
PEF	P	VP Replacement Vessel 11 Preservation	0	0	0	0	0	0	0
PEF	P	VP Replacement Vessel 12 Preservation	0	0	0	0	0	0	0
PEF	P	VP Replacement Vessel 13 Preservation	0	0	0	0	0	0	0
PEF	P	VP Systemwide Vessel Planning/Design	960,000	1,039,000	1,126,000	1,225,000	1,306,000	1,392,000	12,502,000
PEF	P	VP Systemwide Vessel Life Cycle cost Model Update	0	0	0	0	0	0	200,000
PEF	P	VP Systemwide Vessels As Built Drawings	0	0	0	0	0	0	563,000
PEF	P	VP Systemwide Vessels Environmental Studies	0	0	0	0	0	0	140,000
PEF	P	VP Systemwide Vessels Electrical Special Project	0	0	0	0	0	0	346,000
PEF	P	VP Subchapter W Planning & Implementation	0	0	0	0	0	9,604,000	30,506,000
PEF	P	VP Systemwide Comm/Navigation/Life Saving	1,720,000	1,861,000	2,018,000	2,195,000	2,340,000	2,494,000	23,732,000
PEF	P	VP Wireless Connections	0	0	0	0	0	0	0
PEF	P	VP Vessel Communications (IT)	309,000	334,000	363,000	395,000	2,675,000	448,000	8,587,000
PEF	P	VP Systemwide Accessibility Modifications	0	0	0	0	0	0	1,431,000
PEF	P	VP Systemwide Vessel Physical Security Infrastructure	1,348,000	1,672,000	1,904,000	2,200,000	5,379,000	19,701,000	61,076,000
PEF	P	VP Sys Wide Vessel Safety Mgmt Enhancements	0	0	0	0	854,000	1,255,000	4,017,000
PEF	P	VP Systemwide Vessel Physical Security Planning	358,000	387,000	420,000	457,000	487,000	519,000	4,895,000
PEF	P	VP Systemwide Vessel Projects	746,000	807,000	875,000	951,000	1,014,000	1,081,000	9,451,000
PEF	P	VP Systemwide Vessels Regulatory Compliance	200,000	200,000	200,000	200,000	200,000	200,000	2,600,000
PEF	P	VP Systemwide Vessel Work Orders By Auditor	120,000	129,000	140,000	153,000	163,000	173,000	1,534,000
PEF	P	VP Systemwide Vessel Noise Control (Abatement)	0	0	0	0	0	0	102,000
PEF	P	VP Non-life Cycle Work	309,000	334,000	363,000	395,000	421,000	448,000	2,825,000